

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

- 1-15. (Cancelled)
16. (Currently amended) A thermoplastic polymer chip comprising a shaped polyolefin resin particulate with a major dimension of less than about 10 millimeters and a weight of about 20 to 50 milligrams, the chip comprising a blend of a polyolefin resin and a ~~modified~~grafted polyolefin resin, the ~~modified~~grafted polyolefin resin comprising a polymethylene backbone having randomly substituted covalently bonded groups derived from a cyclodextrin compound, the chip comprising about 100 parts by weight of the polyolefin resin and about 0.01 to 10 parts by weight of the ~~modified~~grafted polyolefin; wherein the cyclodextrin compound is substantially free of a compound in the central pore of the cyclodextrin ring.
17. (Currently amended) The thermoplastic polymer chip of claim 16 wherein the polyolefin comprises a melt index of about 0.5 to 100 g-10 min.⁻¹ and the ~~modified~~grafted polyolefin is derived from a polyolefin with a melt index of 0.7 to 200 g-10 min.⁻¹.
18. (Currently amended) The thermoplastic polymer chip of claim 16 wherein the polyolefin ~~wherein the polyolefin~~ comprises a melt index of about 1 to 75 g-10 min.⁻¹ and the ~~modified~~grafted polyolefin is derived from a polyolefin having a melt index of about 1 to 100 g-10 min.⁻¹
19. (Previously presented) The thermoplastic polymer chip of claim 16 wherein the polyolefin comprises a polyethylene.
20. (Currently amended) The thermoplastic polymer chip of claim 16 wherein the ~~modified~~grafted polyolefin comprises a ~~modified~~grafted polyethylene.

21. (Previously presented) The thermoplastic polymer chip of claim 16 wherein the polyolefin comprises a polypropylene.

22. (Currently amended) The thermoplastic polymer chip of claim 16 wherein the ~~modified~~grafted polyolefin comprises a ~~modified~~grafted polypropylene.

23. (Previously presented) The thermoplastic polymer chip of claim 16 wherein the polyolefin comprises a poly(ethylene-co-propylene).

24. (Currently amended) The thermoplastic polymer chip of claim 16 wherein the ~~modified~~grafted polyolefin comprises a ~~modified~~grafted poly(ethylene-co-propylene).

25. (Currently amended) The thermoplastic polymer chip of claim 16 wherein the ~~modified~~grafted polyolefin comprises a cyclodextrin bonded to a maleic acid ~~modified~~grafted polyolefin wherein the polyolefin comprises about 0.02 to 5 weight percent maleic anhydride.

26. (Currently amended) The thermoplastic polymer chip of claim 16 wherein the ~~modified~~grafted polyolefin comprises a cyclodextrin bonded to a maleic acid ~~modified~~grafted polyolefin wherein the polyolefin comprises about 0.02 to 2 weight percent maleic anhydride.

27. (Previously presented) The thermoplastic polymer chip of claim 19 wherein the polyethylene comprises a low-density polyethylene.

28. (Previously presented) The thermoplastic polymer chip of claim 19 wherein the polyethylene comprises a linear low-density polyethylene.

29. (Previously presented) The thermoplastic polymer chip of claim 19 wherein the polyethylene comprises a high-density polyethylene.

30. (Previously presented) The thermoplastic polymer chip of claim 16 wherein the cyclodextrin compound has a substituent substantially on at least one -OH group.

31. (Previously presented) The thermoplastic polymer chip of claim 16 wherein the cyclodextrin compound has a substituent substantially on at least one substituent at the -2,3 or the -6 position of a glucose moiety.

32-81. (Cancelled)

82. (Currently amended) A thermoplastic polymer chip comprising a shaped polyolefin resin chip with a major dimension of less than about 10 millimeters and a weight of about 15 to 50 milligrams, the chip comprising a polyolefin resin and a ~~modified~~grafted polyolefin resin, the ~~modified~~grafted polyolefin resin comprising a cyclodextrin bonded to a backbone carbon of the polymer through a maleic acid residue or to a carbon in a pendent group through a maleic acid residue; wherein the cyclodextrin compound is substantially free of a compound in the central pore of the cyclodextrin ring.

83. (Currently amended) The thermoplastic polymer chip of claim 82 wherein chip comprises about 100 parts by weight of the polyolefin resin and about 0.01 to 10 parts by weight of the ~~modified~~grafted polyolefin, the polyolefin comprises melt index of about 0.5 to 150 g-10 min⁻¹ and the ~~modified~~grafted polyolefin is derived from a polyolefin comprising a melt index of about 0.7 to 200 g-10 min⁻¹.

84. (Currently amended) The thermoplastic polymer chip of claim 82 wherein the polyolefin comprises a melt index of about 1 to 75 g-10 min⁻¹ and the ~~modified~~grafted polyolefin is derived from a polyolefin having a melt index of about 1 to 100 g-10 min⁻¹.

85. (Original) The thermoplastic polymer chip of claim 82 wherein the polyolefin comprises a polyethylene.

86. (Currently amended) The thermoplastic polymer chip of claim 82 wherein the ~~modified~~grafted polyolefin comprises a ~~modified~~grafted polyethylene.

~~87.~~ (Original) The thermoplastic polymer chip of claim 82 wherein the polyolefin comprises a polypropylene.

88. (Currently amended) The thermoplastic polymer chip of claim 82 wherein the polyolefin comprises a polyethylene resin and the ~~modified~~grafted polyolefin comprises a ~~modified~~grafted polypropylene.

89. (Original) The thermoplastic polymer chip of claim 82 wherein the polyolefin comprises a poly(ethylen-co-propylene).

90. (Currently amended) The thermoplastic polymer chip of claim 82 wherein the ~~modified~~grafted polyolefin comprises a ~~modified~~grafted poly(ethylene-co-propylene).

91. (Currently amended) The thermoplastic polymer chip of claim 82 wherein the ~~modified~~grafted polyolefin comprises about 0.1 to 8 wt% of the cyclodextrin ~~modified~~grafted polyolefin.

92. (Currently amended) The thermoplastic polymer chip of claim 91 wherein the ~~modified~~grafted polyolefin comprises about 0.02 to 2 weight percent maleic acid compound.

93. (Original) The thermoplastic polymer chip of claim 85 wherein the polyethylene comprises a low-density polyethylene.

94. (Original) The thermoplastic polymer chip of claim 85 wherein the polyethylene comprises a linear low density polyethylene.

95. (Original) The thermoplastic polymer chip of claim 85 wherein the polyethylene comprises a high density polyethylene.

96. (Original) The thermoplastic polymer chip of claim 82 wherein the cyclodextrin compound has a substituent substantially on at least one -OH group at the -2 position of a glucose moiety in the cyclodextrin.

97. (Original) The thermoplastic polymer chip of claim 82 wherein the cyclodextrin compound has a substituent substantially on at least one -OH group at the -3 position of a glucose moiety in the cyclodextrin.

98. (Original) The thermoplastic polymer chip of claim 82 wherein the cyclodextrin compound is linked to the maleic acid moiety with least one -OH group at the -6 position of a glucose moiety in the cyclodextrin.

99-161. (Cancelled)